## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref # | Hits   | Search Query  | DBs                                      | Default<br>Operator | Plurals | Time Stamp          |
|-------|--------|---|--|---------------------|---------|---------------------|
| S1    | 25011  | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4))                                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>10:48 |
| \$2   | 7170   | (gr\$1y near4 (patch\$3  <br>pattern\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>10:49 |
| \$3   | 71     | S1 same S2  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>10:49 |
| S4    | 100672 | "345"/\$!.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>10:49 |
| S5    | 23     | S3 & S4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>10:49 |
| S6    | 48     | S3 not S5   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>10:52 |
| S7    | 110854 | (user near4 (verify\$4  <br>verificat\$4   feed\$1back  <br>confirmation   confirm\$3))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:13 |
| S8    | 15     | S1 & S2 & S7  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:16 |
| S9    | 0      | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) same<br>patch\$3 same S7          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:23 |
| S10   | 289    | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) same<br>patch\$3                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:23 |
| S11   | 42491  | (screen   monitor   display<br>\$3) same S7   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:23 |
| S12   | 4      | S10 & S11   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:24 |
| S13   | 0      | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) same<br>patch\$3 same on\$1screen | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:25 |
| S14   | 37     | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) same<br>patch\$3 same display\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:25 |
| S15   | 11     | S4 & S14  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/02/10<br>11:25 |

| S16  | 26     | S14 not S15  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>11:29 |
|------|--------|--|--|----|-----|---------------------|
| S17  | 909815 | ((still near4 image)  <br>window)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>11:31 |
| S18  | 751    | S1 same S17  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>11:31 |
| S19  | 4      | S7 same S18  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>11:32 |
| \$20 | 36     | ("4710800"   "4782384"  <br>"4908874"   "4952051"  <br>"4954881"   "5050984"  <br>"5051928"   "5252953"  <br>"5327501"   "5450500"  <br>"5495540"   "5506946"  <br>"5506949"   "5530774"  <br>"5850471"   "5874988"  <br>"5929417").PN. OR<br>("6266103").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>11:39 |
| S21  | 19     | ("5146346"   "5412773"  <br>"5579402"   "5724456"  <br>"5828793"   "5874988"  <br>"6061091"   "6204940"  <br>"6219129"   "6229624"  <br>"6266103"   "6281895"  <br>"6462835"   "6504954"  <br>"6741262").PN. OR<br>("7006688").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>11:47 |
| S22  | 7      | ("20030012437"  <br>"20050163368"  <br>"20060066628"   "5739809"  <br>"6239782"   "7006688"  <br>"7039876").PN. OR<br>("7286131").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>11:53 |
| S23  | 10     | ("5179653"   "5739809"  <br>"5889522"   "5929851"  <br>"6433801").PN. OR<br>("7039876").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>12:03 |
| S24  | 84     | ("4500919"   "4525736"   "4642682"   "4727412"   "4763186"   "4811084"   "4862251"   "4876589"   "4908874"   "4952051"   "5050984"   "5051928"   "5212546"   "5252953"   "5253043"   "5327501"   "5412773"   "5450500"   "5495540"   "5506946"   "5506949"   "5530774"   "5694484").PN. OR ("5874988").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>12:05 |

| S25 | 39158   | (target near4 image)  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>12:16 |
|-----|---------|---|--|----|-----|---------------------|
| S26 | 66      | S1 with S25   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>12:16 |
| S27 | 12      | S4 & S26  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/02/10<br>12:18 |
| S28 | 206     | apply\$3 near4 (gamma near4 (correct\$3   adjust\$4   calibrat\$4)) near4 image                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:20 |
| S29 | 17      | S4 & S28  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:21 |
| S30 | 17      | S29 not S27   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:21 |
| S31 | 3       | apply\$3 near4 (gamma near4 (correct\$3   adjust\$4   calibrat\$4)) near4 (still near4 image)             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:23 |
| S32 | 9       | apply\$3 near4 (gamma near4 (correct\$3   adjust\$4   calibrat\$4)) same (still near4 image)              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:24 |
| S33 | 6       | S32 not S31   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:24 |
| S34 | 9       | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) near4<br>menu                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:25 |
| S35 | 6       | ("6266103"   "6504551"  <br>"5796399").pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:31 |
| S36 | 70      | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) with<br>(pre\$1view\$3)                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:51 |
| S37 | 3       | S4 & S36  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:52 |
| S38 | 5197537 | (display   image)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:53 |
| S39 | 68      | S36 same S38  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>12:53 |
| S40 | 37      | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) with<br>(pre\$1view\$3 near4 (image  <br>screen)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:04 |
| S41 | 0       | S40 not S39   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:04 |

| S42 | 38    | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) with<br>(pre\$1view\$3 near4 (image  <br>screen   window))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:08 |
|-----|-------|---|--|----|-----|---------------------|
| S43 | 39    | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) with<br>(pre\$1view\$3 near4 (image<br>\$1   screen   window\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:08 |
| S44 | 0     | S43 not S39   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:09 |
| S45 | 6     | (gamma near4 (correct\$3  <br>adjust\$4   calibrat\$4)) with<br>(over\$1lay\$3 near4 (image\$1<br>  screen   window\$1))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:09 |
| S46 | 89    | (gamma near4 (correct\$3   adjust\$4   calibrat\$4)) same ((over\$1lay\$3   pre\$1view\$3) near4 (image\$1   screen   window\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:10 |
| S47 | 47    | S46 not S39   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>13:11 |
| S48 | 19    | (US-20060164442-\$ or US-20060247877-\$ or US-20090010538-\$ or US-20050053280-\$ or US-20060066628-\$ or US-20020075529-\$ or US-20040057061-\$).did. or (US-5483259-\$ or US-6686953-\$ or US-6266103-\$ or US-6836565-\$ or US-7194130-\$ or US-5874988-\$ or US-7286131-\$ or US-7039876-\$ or US-5412773-\$ or US-6724504-\$ or US-6879348-\$ or US-7483187-\$).did. | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/02/10<br>16:06 |
| S49 | 19119 | (white near4 balance)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>16:06 |
| S50 | 5     | S48 & S49   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>16:06 |
| S51 | 2     | "20040057061".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>16:11 |
| S52 | 10292 | ((white near3 balance) near4<br>(correct\$3   adjust\$4  <br>calibrat\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>16:13 |
| S53 | 9231  | pre\$1view near4 (image  <br>screen   window)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/02/10<br>16:14 |

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|-----|--------|--|--|------|-----|---------------------|
| S54 | 34     | S52 same S53   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/02/10<br>16:14 |
| S55 | 423794 | gamma  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/02/10<br>16:14 |
| S56 | 23     | S54 & S55  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/02/10<br>16:14 |
| S57 | 53     | (gray\$1scal\$3   gr\$1y\$1level)<br>near4 tile\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:20 |
| S58 | 34     | S57 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:20 |
| S59 | 132    | display\$3 near4 (gray\$1scal<br>\$3   gr\$1y\$1level) near4(tile<br>\$1   pattern\$1)               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:21 |
| S60 | 108332 | "345"/\$!.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:22 |
| S61 | 51     | (S59 & S60) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:22 |
| S62 | 135    | display\$3 near4 (gray\$1scal<br>\$3   gr\$1y\$1level) near4 (tile<br>\$1   pattern\$1   profile\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:41 |
| S63 | 72     | (S59 & S62) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:41 |
| S64 | 21     | S63 not S61  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/28<br>18:41 |
| S65 | 1      | 2002-309490.NRAN.  | DERWENT                                  | OR   | OFF | 2009/10/28<br>18:56 |
| S66 | 1481   | (gamma   gradient   gray<br>\$1scale) near4 (bar   slider\$1<br>  pre\$1view\$3   ruler\$1)          | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/29<br>14:41 |
| S67 | 5014   | adjustment near4 tone\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/29<br>14:43 |
| S68 | 6487   | S66   S67  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/29<br>14:43 |
| S69 | 146896 | "345"/\$!.ccls.   "715"/\$!.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/29<br>14:45 |
| S70 | 162    | (S68 & S69) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR   | OFF | 2009/10/29<br>14:46 |

| S71 | 49  | (display\$4   overlap\$4) near4<br>((gamma   gradient   gray<br>\$1scale) near4 (bar   slider\$1<br>  pre\$1view\$3   ruler\$1))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>14:47 |
|-----|-----|---|--|----|-----|---------------------|
| S72 | 118 | (display\$4   overlap\$4) near4<br>(adjustment near4 tone\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>14:48 |
| S73 | 164 | S71   S72   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>14:48 |
| S74 | 14  | (S69 & S73) &<br>@ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>14:48 |
| S75 | 322 | (display\$4   overlap\$4) near4<br>((gamma   gradient   gray<br>\$1scale) near4 (bar   slider\$1<br>  pre\$1view\$3   ruler\$1   tile<br>\$1   pattern\$1   profile\$1))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>15:20 |
| S76 | 345 | (display\$4   overlap\$4) near4<br>((gamma   gradient   gr\$1y<br>\$1scale\$1   gr\$1y\$1level\$1  <br>gr\$1y\$1value\$1) near4 (bar  <br>slider\$1   pre\$1view\$3   ruler<br>\$1   tile\$1   pattern\$1  <br>profile\$1)) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>15:21 |
| S77 | 85  | (S69 & S76) &<br>@ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>15:22 |
| S78 | 80  | S77 not S74   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>15:22 |
| S79 | 81  | (display\$4   overlap\$4) near4<br>((gamma   gradient   gray<br>\$1scale) near4 (pal\$1ette\$1  <br>OSD   menu   on\$1screen<br>\$1display\$4))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>16:04 |
| S80 | 15  | (S69 & S79) &<br>@ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>16:04 |
| S81 | 15  | S80 not S78   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/29<br>16:04 |
| S82 | 75  | rodney near2 amadiz   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>10:57 |
| S83 | 2   | 2001-313953   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>10:59 |
| S84 | 3   | 2000-131026   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:00 |

| S85 | 1292   | display\$4 near4 ((brightness)<br>near4 (pal\$1ette\$1   OSD  <br>menu   on\$1screen\$1display<br>\$4   pattern\$1   gradient  <br>bar\$1   tile\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:05 |
|-----|--------|---|--|----|-----|---------------------|
| S86 | 146896 | "345"/\$!.ccls.   "715"/\$!.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:05 |
| S87 | 236    | (S85 & S86) &<br>@ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:05 |
| S88 | 488831 | gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   gr\$1y\$value<br>\$1  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:06 |
| S89 | 61     | S87 & S88   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:06 |
| S90 | 49     | (super\$1impos\$4   over\$1lay<br>\$4) near4 (bright\$1ness  <br>gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   gr\$1y\$value<br>\$1) near4 (bar\$1   tile\$1  <br>pattern\$1   graph\$1   menu<br>\$1   pal\$ette\$1   ruler\$1  <br>slider\$1   profile\$1   gradient<br>\$1   pile\$1)                                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:27 |
| S91 | 33     | S90 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:27 |
| S92 | 1681   | keyence near3 corp  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:43 |
| S93 | 17     | tabuchi near2 jun   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:44 |
| S94 | 3      | S92 & S93   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>11:44 |
| S95 | 99     | (super\$1impos\$4   over\$1lay<br>\$4) near4 (bright\$1ness  <br>gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   gr\$1y\$value<br>\$1) near4 (bar\$1   tile\$1  <br>pattern\$1   graph\$1   menu<br>\$1   pal\$ette\$1   ruler\$1  <br>slider\$1   profile\$1   gradient<br>\$1   pile\$1   correction\$1  <br>adjustment\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>13:40 |
| S96 | 58     | S95 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>13:40 |
| S97 | 25     | S96 not S91   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>13:40 |

| S98  | 1453   | gamma near4 tone\$1   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:08 |
|------|--------|---|--|----|-----|---------------------|
| S99  | 68     | (S86 & S98) &<br>@ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:09 |
| S100 | 466449 | (super\$1impos\$4   over\$1lay<br>\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:09 |
| S101 | 15     | S99 & S100  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:09 |
| S102 | 53     | S99 not S101  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:10 |
| S103 | 3      | ("5854613"   "5923315").PN.<br>OR ("6837582").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/10/30<br>14:17 |
| S104 | 11     | ("5012333"   "5208903"  <br>"5377013"   "5424754"  <br>"5717838"   "5832133").PN.<br>OR ("5999175").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/10/30<br>14:17 |
| S105 | 3978   | adjustment near4 tone\$1  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/10/30<br>14:40 |
| S106 | 111    | (S86 & S105) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:41 |
| S107 | 750176 | (bright\$1ness   gamma   gr<br>\$1y\$1scale\$1   gr\$1y\$1level<br>\$1   gr\$1y\$value\$1)                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:41 |
| S108 | 65     | S106 & S107   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:41 |
| S109 | 56     | S108 not (S99   S97   S89)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/10/30<br>14:42 |
| S110 | 3      | ("5854613"   "5923315").PN.<br>OR ("6837582").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/11/02<br>11:08 |
| S111 | 23346  | tone near3 image\$1   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/11/02<br>14:14 |
| S112 | 146896 | "345"/\$!.ccls.   "715"/\$!.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/02<br>14:15 |
| S113 | 951    | (S111 & S112) &<br>@ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/02<br>14:16 |
| S114 | 488974 | gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   gr\$1y\$value<br>\$1                                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/02<br>14:16 |
| S115 | 1738   | S111 same S114  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/02<br>14:17 |

| S116 | 86      | (S112 & S115) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/02<br>14:17 |
|------|---------|--|--|----|-----|---------------------|
| S117 | 25061   | tone near3 (image\$1  <br>adjustment\$1)   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/11/02<br>14:23 |
| S118 | 1821    | S114 same S117   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/02<br>14:23 |
| S119 | 93      | (S112 & S118) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/02<br>14:24 |
| S120 | 1541    | gamma near4 (points   bars)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:51 |
| S121 | 147030  | "345"/\$!.ccls.   "715"/\$!.ccls.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:53 |
| S122 | 73      | (S120 & S121) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:53 |
| S123 | 40      | adjust\$4 near3 gamma near4<br>(points   bars)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:55 |
| S124 | 8       | (S123 & S121) &<br>@ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:55 |
| S125 | 155     | adjust\$4 near3 gamma near4<br>(points   bars   section\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:58 |
| S126 | 64      | S125 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:58 |
| S127 | 56      | S126 not S124  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/04<br>18:58 |
| S128 | ·····17 | ("4931864"   "4959659"  <br>"5111283"   "5206686"  <br>"5389955"   "5463473"  <br>"5579090"   "5657395"  <br>"5832184"   "5856876"  <br>"6034788"   "6055071"  <br>"6061144"   "6115561"  <br>"6404510"   "6505909").PN.<br>OR ("6992796"   "7065246").<br>URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/11/05<br>10:51 |

| S129 | 36     | ("4710800"   "4782384"  <br>"4908874"   "4952051"  <br>"4954881"   "5050984"  <br>"5051928"   "5252953"  <br>"5327501"   "5450500"  <br>"5495540"   "5506946"  <br>"5506949"   "5530774"  <br>"5850471"   "5874988"                        | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2009/11/05<br>10:57 |
|------|--------|--|--|----|-----|---------------------|
| S130 | 34     | "5929417").PN. OR<br>("6266103").URPN.<br>(correct\$4   adjust\$4) near4   | US-PGPUB;                                | OR | OFF | 2009/11/05          |
|      |        | (individual\$2   independen\$4<br>  seperate\$2) near4 gamma<br>  near4 (point\$1   value\$1)  | USPAT; USOCR                             |    |     | 11:04               |
| S131 | 23     | S130 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>11:05 |
| S132 | 2      | visual near4 (gamma  <br>gradation) near4 (chart  <br>graph)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>11:09 |
| S134 | 2      | "20030184714".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/11/05<br>14:42 |
| S135 | 2      | "20020041707".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>15:50 |
| S136 | 489    | display\$4 near4(gamma   gr<br>\$1y\$1scale\$1   gr\$1y\$1level<br>\$1) near4 (tile\$1   tone\$1  <br>pattern\$1   window\$1  <br>montage   medley   sampl\$4<br>  blue\$1print   guide\$1  <br>outline\$1)                                | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>16:08 |
| S137 | 252952 | ((image   picture   video)<br>near3 (adjust\$4   correct\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>16:09 |
| S138 | 1762   | display\$4 near4(gamma   gr<br>\$1y\$1scale\$1   gr\$1y\$1level<br>\$1   half\$1tone) near4 (tile\$1<br>  tone\$1   pattern\$1   window<br>\$1   montage   medley  <br>sampl\$4   blue\$1print   guide<br>\$1   outline\$1   graphical\$2) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>16:18 |
| S139 | 35     | S137 same S138   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>16:18 |
| S140 | 22     | S139 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>16:19 |
| S141 | 135    | ((S137 & S138) &<br>@ad<="20040427") not<br>S140   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>16:41 |

| S142 | 7239   | ((image   picture   video)<br>near3 (adjust\$4   correct\$4))<br>near3 (screen   window)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>17:03 |
|------|--------|--|--|----|-----|---------------------|
| S143 | 34     | S138 & S142  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>17:04 |
| S144 | 20     | S143 not (S140   S141)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/10<br>17:04 |
| S145 | 1      | "20020149607".pn.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/14<br>09:11 |
| S146 | 8      | ("20020149607"  <br>"20070285576"   "5796399"  <br>"5999213"   "6266103"  <br>"6504551"   "6614456"  <br>"6844881").PN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/14<br>09:13 |
| S147 | 37     | ("4949286"   "5036251"  <br>"5051827"   "5227881"  <br>"5291276"   "5298993"  <br>"5335013"   "5384768"  <br>"5483259"   "5647019"  <br>"5675358"   "5745161").PN.<br>OR ("5999213").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/14<br>09:16 |
| S148 | 31     | S147 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:17 |
| S149 | 200005 |  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:23 |
| S150 | 57870  |  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:24 |
| S151 | 154    | S149 with S150   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:24 |
| S152 | 56     | S151 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:32 |
| S153 | 0      | ("2004/0207650").URPN.   | USPAT                                    | OR | OFF | 2011/02/14<br>09:53 |
| S154 | 10     | ("20020085001"   "6118480"<br>  "6393163"   "6680749"  <br>  "6784905"   "6868189"  <br>  "6937775"   "6941323"  <br>  "6964025"   "7038810").PN.<br>  OR ("7386810").URPN.                | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/14<br>09:53 |
| S155 | 10     | S154 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:53 |

| S156 | 27      | ("20020126147"   "20030012437"   "4390778"   "5123060"   "5255085"   "5283671"   "5287418"   "5333244"   "5375201"   "5383032"   "5406379"   "5416890"   "5541029"   "5581370"   "5600778"   "5696889"   "5751434"   "6097836"   "6362829"   "6469805"   "6480202"   "6484631").PN. OR ("6798536").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/14<br>09:55 |
|------|---------|--|--|----|-----|---------------------|
| S157 | 25      | S156 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:55 |
| S158 | 94      | ("5742779"   "5760916"  <br>"5760917"   "5796428"  <br>"5898779").PN. OR<br>("6237010").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/14<br>09:58 |
| S159 | 68      | S158 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:58 |
| S160 | 68      | S159 not (S152   S155  <br>S157)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>09:59 |
| S161 | 1269853 | (on\$1screen near3 display\$3)<br>  OSD   GUI   (graphic\$2<br>near2 user near2 interfac\$3)<br>  over\$11a\$4   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:07 |
| S162 | 67098   | (gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   half\$1tone  <br>tone   gradation\$1) near4<br>(correct\$4   adjust\$5   alter<br>\$6)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:08 |
| S163 | 547     | (S161 with S162) not (S152  <br>S155   S157   S160)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:08 |
| S164 | 261     | S163 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:09 |
| S165 | 61      | ((((image   video) near3 signal<br>\$1) same (S161 with S162))<br>not (S152   S155   S157  <br>S160)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:09 |
| S166 | 16      | S165 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:10 |
| S167 | 136882  |  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:26 |

| S168 | 429462 | (on\$1screen near3 display\$3)<br>  OSD   GUI   (graphic\$2<br>near2 user near2 interfac\$3)<br>  over\$1lay   over\$1laid   over<br>\$1laying   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:26 |
|------|--------|--|--|----|-----|---------------------|
| S169 | 402    | (S167 with S168) not (S152  <br>S155   S157   S160   S166)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:27 |
| S170 | 194    | S169 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:27 |
| S171 | 194    | S170 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:27 |
| S172 | 360213 | "345"/\$!.ccls.   "715"/\$!.ccls.<br>  "348"/\$!.ccls.   "352"/\$!.<br>  ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:34 |
| S173 | 137    | S171 & S172  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:34 |
| S174 | 27142  | (gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   half\$1tone  <br>tone   gradation\$1   intensit<br>\$3) near4 (correct\$4   adjust<br>\$5   alter\$6) near4 (image\$1<br>  video\$1   picture\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:42 |
| S175 | 50     | ((on\$1screen near3 display<br>\$3)   OSD   GUI   (graphic\$2<br>near2 user near2 interfac\$3))<br>with S174   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:43 |
| S176 | 28     | S175 not (S152   S155  <br>S157   S160   S166   S173)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:43 |
| S177 | 1      | S176 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:43 |
| S178 | 122    | (((on\$1screen near3 display<br>\$3)   OSD   GUI   (graphic\$2<br>near2 user near2 interfac\$3))<br>same S174  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:44 |
| S179 | 27     | S175 not (S152   S155  <br>S157   S160   S166   S173  <br>S177)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:44 |
| S180 | 0      | S179 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>10:44 |

| S181 | 29    | ("20020070948"   "20040246276"   "20050094170"   "20050253797"   "20060072799"   "20060126958"   "20060164442"   "20060215127"   "20060256355"   "20080074374"   "6498660"   "6795091"   "7164428"   "7312795").PN.                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:03 |
|------|-------|---|--|----|-----|---------------------|
| S182 | 13    | S181 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:03 |
| S183 |       | ("20020070948"   "20040246276"   "20050094170"   "20050253797"   "20060072799"   "20060126958"   "2006015127"   "20060215127"   "20060256355"   "20080074374"   "6498660"   "6795091"   "7164428"   "7312795").PN. OR ("7551179").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/14<br>11:06 |
| S184 | 4     | S183 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:06 |
| S185 | 2272  | (gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   half\$1tone\$1<br>  tone\$1   gradation\$1  <br>intensit\$3) near4 ((correct\$4<br>  adjust\$5   alter\$6) near4<br>point\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:19 |
| S186 | 9     | ((on\$1screen near3 display<br>\$3)   OSD   GUI   (graphic\$2<br>near2 user near2 interfac\$3))<br>same S185  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:19 |
| S187 | 3     | S186 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:19 |
| S188 | 26850 | (contrast   brightness) near4<br>(correct\$4   adjust\$5   alter<br>\$6) with (image\$1   video\$1<br>  picture\$1)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:21 |
| S189 | 438   |   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:21 |

| S190 | 210 | ((on\$1screen near3 display<br>\$3)   OSD   GUI   (graphic\$2<br>near2 user near2 interfac\$3))<br>with S188   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:21 |
|------|-----|--|--|----|-----|---------------------|
| S191 | 86  | S190 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/14<br>11:22 |
| S192 | 20  | ("5412773"   "5615347"  <br>"5640595"   "5659790"  <br>"5751285"   "5920317"  <br>"6215487"   "6333752").PN.<br>OR ("6614456").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>11:59 |
| S193 | 16  | S192 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>11:59 |
| S194 | 18  | ("20020070948"   "20020135683"   "20030043410"   "20030047099"   "20030222998"   "20040196480"   "20060203298"   "4996591"   "5363318"   "5546101"   "5710827"   "5982379"   "6160968"   "6462835"   "6686953"   "6721066").PN. OR ("7483187").URPN.                     | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>12:02 |
| S195 | 15  | S194 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:02 |
| S196 | 23  | ("4106846"   "4914506"  <br>"5298993"   "5381349"  <br>"5483259"   "5638117").PN.<br>OR ("6686953").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>12:06 |
| S197 | 14  | (S196 & @ad<="20040427")<br>not (S193   S195)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:06 |
| S198 | 23  | ("20020021833"   "20020031256"   "20020057434"   "20030117639"   "20040218811"   "20050220340"   "5574664"   "5937089"   "6041136"   "6181445"   "6459436"   "6542634"   "6686953"   "6760108"   "6999617"   "7027067"   "7127102"   "7158673").PN. OR ("7277200").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>12:12 |
| S199 | 16  | (S198 & @ad<="20040427")<br>not (S193   S195   S197)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:12 |

| \$200 | 73      | ("2854505"   "2904625"  <br>"2931856"   "4106846"  <br>"4607188"   "4802007"  <br>"5424754"   "5512961").PN.<br>OR ("5638117").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>12:14 |
|-------|---------|--|--|----|-----|---------------------|
| \$201 | 49      | (\$200 & @ad<="20040427")<br>not (\$193   \$195   \$197  <br>\$199)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:14 |
| \$202 | 25      | ("5103407"   "5483259"  <br>"5499040"   "5589853"  <br>"5617116"   "5619230"  <br>"5638117"   "5726672"  <br>"5754222"   "5791781"  <br>"5870069"   "5896168"  <br>"5898436"   "5907315"  <br>"5926617"   "5933130").PN.<br>OR ("6078309").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>12:26 |
| \$203 | 17      | (\$202 & @ad<="20040427")<br>not (\$193   \$195   \$197  <br>\$199   \$201)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:27 |
| S204  | 8       | ("20030133609"  <br>"20040227769"  <br>"20050116961"   "5483259"  <br>"5754222"   "6078309"  <br>"6686953"   "6919905").PN.<br>OR ("7688326").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>12:31 |
| \$205 | 9       | ("4893181").PN. OR<br>("5982379").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>12:35 |
| S206  | 168541  | (gamma   gr\$1y\$1scale\$1   gr<br>\$1y\$1level\$1   half\$1tone\$1<br>  tone\$1   gradation\$1  <br>intensit\$3   gr\$1y) near4<br>(correct\$4   adjust\$5   alter<br>\$6   calibrat\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:43 |
| \$207 | 2314729 | ((on\$1screen near3 display<br>\$3)   OSD   GUI   (graphic\$2<br>near2 user near2 interfac\$3)<br>  menu   interfac\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:44 |
| S208  | 200082  | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1) near4 (patch\$3  <br>ramp\$1   region\$1   sample<br>\$1   tile\$1   pattern\$1  <br>square\$1   area\$1)                       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:47 |
| S209  | 281     | S206 same S207 same S208   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:47 |
| S210  | 46      | S206 with S207 with S208   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:48 |
| S211  | 21      | (\$210 & @ad<="20040427")<br>not (\$193   \$195   \$197  <br>\$199   \$201)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:48 |

| \$212 | 252525 |   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:58 |
|-------|--------|---|--|----|-----|---------------------|
| \$213 | 53     | S206 with S207 with S212  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:58 |
| \$214 | 4      | (\$\text{S13 & @ad<="20040427")}<br>not (\$193   \$195   \$197  <br>\$199   \$\text{S201   \$\text{S211})}  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:59 |
| \$215 | 330    | S206 same S207 same S212  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>12:59 |
| \$216 | 105    | (\$215 & @ad<="20040427")<br>not (\$193   \$195   \$197  <br>\$199   \$201   \$211   \$214)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:00 |
| \$217 | 40     | ("20030016263"   "4344708"   "4513325"   "5050221"   "5185673"   "5416613"   "5546165"   "5565678"   "5566372"   "5579090"   "5583644"   "5892595"   "6076915"   "6081343"   "6164750"   "6310637"   "6313924"   "6384857"   "6390587"   "6416151"   "6426765"   "6454390"   "6462838"   "6473200"   "6494557"   "6654493").PN. OR ("6897978"   "6934057"). URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>13:13 |
| S218  | 30     | 3   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:14 |
| \$219 | 383701 | (image   picture   video)<br>near4 (correct\$4   adjust\$5  <br>alter\$6   calibrat\$4   modificat<br>\$4   modify\$3)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:17 |
| S220  | 18093  | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) near4<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6) near5<br>(point\$1   patch\$3   ramp\$1<br>  region\$1   sample\$1   tile<br>\$1   pattern\$1   square\$1  <br>area\$1)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:19 |
| S221  | 220    | S207 same (S212   S220)<br>same S219  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:20 |

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|-------|-------|---|--|----|-----|---------------------|
| S222  | 61    | (S221 & @ad<="20040427")<br>not (S193   S195   S197  <br>S199   S201   S211   S214  <br>S216   S218)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:21 |
| S223  | 14    | slider with \$220   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>13:35 |
| S224  | 0     | (\$223 & @ad<="20040427") not (\$193   \$195   \$197   \$199   \$201   \$211   \$214   \$216   \$218   \$222)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:36 |
| S225  | 24    | slider same \$220   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/02/15<br>13:40 |
| \$226 | 4     | (\$\text{\$\text{25} & @ad<="20040427"})\$ not (\$193   \$195   \$197   \$199   \$\text{\$\text{\$\text{\$\text{201}}}   \$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\exitt{\$\exitt{\$\exitt{\$\exitt{\$\text{\$\exitt{\$\exitt{\$\exitt{\$\exitt{\$\exitt{\$\exitt{\$\exitt{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\exitt{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\$\exitt{\$\text{\$\exitt{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\}\$\exitt{\$\tex{\$\$\text{\$\text{\$\text{\$\text{\$\text{\$\$}\$\text{\$\text{\$\te | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:40 |
| S227  | 6175  |   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:42 |
| S228  | 24    | \$219 with \$227  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:42 |
| \$229 | 23    | \$228 not (\$193   \$195  <br>\$197   \$199   \$201   \$211  <br>\$214   \$216   \$218   \$222  <br>\$223)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:42 |
| \$230 | 29235 | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>((adjust\$4   calibrat\$4  <br>correct\$5   alter\$6) near5<br>(point\$1   patch\$3   ramp\$1<br>  region\$1   sample\$1   tile<br>\$1   pattern\$1   square\$1  <br>area\$1))   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:45 |
| S231  | 6271  | \$219 same \$230  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:45 |
| S232  | 5328  | S219 with S230  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:46 |
| S233  | 123   | S207 same S219 same S230  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:46 |
| S234  | 24    | (\$233 & @ad<="20040427") not (\$193   \$195   \$197   \$199   \$201   \$211   \$214   \$216   \$218   \$222   \$223   \$226   \$229)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:47 |

| \$235 | 49     | (manual\$4 near4 adjust\$4) near6 (gr\$1y\$1level\$1   gr \$1yscale\$1   gradation\$1   gr \$1y   half\$1tone\$1   intensit \$4   gamma\$1   tone\$1) near5 (point\$1   patch\$3   ramp\$1   region\$1   sample \$1   tile\$1   pattern\$1   square\$1   area\$1)                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:49 |
|-------|--------|--|--|----|-----|---------------------|
| S236  | 23     | S219 & S235  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:50 |
| S237  | 13     | (\$\text{S236 & @ad<="20040427")}<br>not (\$193   \$195   \$197  <br>\$199   \$\text{S201}   \$\text{S214}  <br>\$\text{S216}   \$\text{S218}   \$\text{S222}   \$\text{S223}  <br>\$\text{S226}   \$\text{S229}   \$\text{S234})  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:50 |
| \$238 | 49     | (manual\$4 near4 adjust\$4) near6 (gr\$1y\$1level\$1   gr \$1yscale\$1   gradation\$1   gr \$1y   half\$1tone\$1   intensit \$4   gamma\$1   tone\$1   gamma\$1curve\$1) near5 (point\$1   patch\$3   ramp\$1   region\$1   sample\$1   tile \$1   pattern\$1   square\$1   area\$1) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/02/15<br>13:52 |
| S240  | 175187 | (manual\$2   user) near4<br>(correct\$4   calibrat\$4   modif<br>\$7)  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>11:48 |
| S241  | 11385  | (gr\$1y\$1scale   gr\$1y\$1level<br>  colo\$1r   gamma  <br>gradation) near4 (ramp\$1  <br>patch\$3   tile\$1)   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>11:51 |
| S242  | 178    | S240 same S241   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>11:51 |
| S243  | 104    | S242 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>11:51 |
| S244  | 9      | ("20030103057"   "5424754"<br>  "5488674"   "5982379"  <br> "6266103"   "6337692"  <br> "6608942"   "6728421"  <br> "6850249").PN. OR<br> ("7671871").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:08 |
| S245  | 9      | (\$244 & @ad<="20040427")<br>not \$243   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:08 |
| S246  | 9      | ("4893181").PN. OR<br>("5982379").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:10 |
| S247  | 5      | (S246 & @ad<="20040427")<br>not (S243   S245)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:10 |

| \$248 | 28     | ("5416613"   "5809213"  <br>"5818960").PN. OR<br>("6141120").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:11 |
|-------|--------|---|--|----|-----|---------------------|
| S249  | 20     | (\$248 & @ad<="20040427")<br>not (\$243   \$245   \$247)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:12 |
| \$250 | 91     | ("4636845"   "4941038"  <br>"5271096"   "5333069"  <br>"5339176"   "5416613"  <br>"5452112"   "5481380"  <br>"5508826"   "5612902").PN.<br>OR ("5760913").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:14 |
| \$251 | 55     | (\$250 & @ad<="20040427")<br>not (\$243   \$245   \$247  <br>\$249)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:14 |
| \$252 | 30     | ("5228123"   "5367388"  <br>"5367624"   "5369508"  <br>"5412773"   "5442746"  <br>"5596753"   "5600121"  <br>"5692111"   "5760913"  <br>"5799298").PN. OR<br>("6128013").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:20 |
| \$253 | 19     | (\$252 & @ad<="20040427")<br>not (\$243   \$245   \$247  <br>\$249   \$251)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:21 |
| \$254 | 21     | ("4268165"   "4310237"  <br>"4350435"   "4706131"  <br>"4807045"   "4910557"  <br>"4937682"   "4965634"  <br>"5298944"   "5311261"  <br>"5333037"   "5469244"  <br>"5539426"   "5880858"  <br>"5900950"   "6128013"  <br>"6188807").PN. OR<br>("6385346").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:29 |
| \$255 | 19     | (\$254 & @ad<="20040427")<br>not (\$243   \$245   \$247  <br>\$249   \$251   \$253)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:30 |
| S256  | 442729 | ((user   graphic\$4) near3<br>interfac\$3)   (on\$1screen<br>near4 display\$4)   OSD  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:38 |
| S257  | 24249  | S240 same S256  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:38 |
| S258  | 244    | S241 & S257   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:38 |
| S259  | 87     | (S258 & @ad<="20040427")<br>not (S243   S245   S247  <br>S249   S251   S253)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:39 |
| S260  | 126217 | "345"/\$!.ccls.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:45 |
| S261  | 20     | S259 & S260   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:45 |

| S262 | 27                                   | ("20020126147"  <br>"20030012437"   "4390778"   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:47 |
|------|--------------------------------------|---|--|----|-----|---------------------|
|      | <i>инишинишинишинишинишинишиниши</i> | "5123060"   "5255085"   "5283671"   "5287418"   "5333244"   "5375201"   "5383032"   "5406379"   "5416890"   "5541029"   "5581370"   "5600778"   "5696889"   "5751434"   "6097836"   "6362829"   "6469805"   "6480202"   "6484631").PN. OR ("6798536").URPN. | SCIAT, COOCIT                            |    |     |                     |
| S263 | 24                                   | (\$262 & @ad<="20040427")<br>not (\$243   \$245   \$247  <br>\$249   \$251   \$253   \$261)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:47 |
| S264 | 13                                   | ("5442375"   "5483259"  <br>"5499040"   "5521615").PN.<br>OR ("6362829").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>12:55 |
| S265 | 10                                   | (\$264 & @ad<="20040427")<br>not (\$243   \$245   \$247  <br>\$249   \$251   \$253   \$261  <br>\$263)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:55 |
| S266 | 66                                   | (\$259 & @ad<="20040427") not (\$243   \$245   \$247   \$249   \$251   \$253   \$261   \$263   \$265)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>12:57 |
| S267 | 19477                                | (gr\$1y\$1scale   gr\$1y\$1level<br>  colo\$1r   gamma  <br>gradation) near4 (ramp\$1  <br>patch\$3   tile\$1   custom\$7)  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>13:00 |
| S268 | 499                                  | S267 & S257   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/03/14<br>13:00 |
| S269 | 95                                   | (\$268 & @ad<="20040427") not (\$243   \$245   \$247   \$249   \$251   \$253   \$261   \$263   \$265   \$266)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>13:00 |
| S270 | 8                                    | S260 & S269   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>13:00 |
| S271 | 87                                   | S269 not S270   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>13:01 |
| S272 | 1                                    | "12035951"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/03/14<br>14:19 |
| S273 | 279785                               | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/11<br>17:05 |

| S274  | 453445 | ((user   graphic\$4) near3<br>interfac\$3)   (on\$1screen<br>near4 display\$4)   OSD  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/11<br>17:05 |
|-------|--------|---|--|----|-----|---------------------|
| \$275 | 1027   | S273 with S274  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/11<br>17:05 |
| S276  | 330    | S275 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/11<br>17:06 |
| S277  | 282472 | (image   picture   video)<br>near3 (adjust\$4   correct\$4  <br>modify\$3   modificat\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/11<br>17:18 |
| S278  | 131    | S275 same S277  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/11<br>17:18 |
| S279  | 43     | S278 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/11<br>17:18 |
| \$280 | 280008 | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>09:21 |
| S281  | 454199 | ((user   graphic\$4) near3<br>interfac\$3)   (on\$1screen<br>near4 display\$4)   OSD  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/12<br>09:21 |
| S282  | 1029   | S280 with S281  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/12<br>09:21 |
| S283  | 282674 | (image   picture   video)<br>near3 (adjust\$4   correct\$4  <br>modify\$3   modificat\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>09:21 |
| S284  | 131    | S282 same S283  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>09:21 |
| S285  | 43     | S284 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>09:21 |
| S286  | 330    | \$282 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>09:46 |
| S287  | 287    | \$286 not \$285   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>09:46 |
| S288  | 22     | ("4409614"   "4760447"  <br>"4794540"   "4852002"  <br>"4907282"   "4939581"  <br>"4942480"   "4961117"  <br>"4965679"   "4984097"  <br>"5012333"   "5023815"  <br>"5028855"   "5038158"  <br>"5245679"   "5262958"  <br>"5353239"   "5369499").PN.<br>OR ("5469275").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/12<br>11:18 |

| \$289 | 145                                     | ("4467364"   "4812902"  <br>"4812903"   "4825297"  <br>"4831434"   "4899216"  <br>"4933754").PN. OR<br>("5012333").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/12<br>12:17 |
|-------|---|--|--|----|-----|---------------------|
| \$290 | 115                                     | S289 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>12:17 |
| S291  | 113                                     | \$290 not (\$285   \$287  <br>\$288)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>12:18 |
| \$292 | *************************************** | ("4167729"   "4488245"   "4649423"   "4727425"   "4731662"   "4758885"   "4794382"   "4794386"   "4821336"   "4847689"   "4853767"   "4958217"   "4989080"   "4991223"   "4992861"   "4992864"   "5003616"   "5012333"   "5089884"   "5136399"   "5140312"   "5204665"   "5231504"   "5270806"   "5461493").PN. OR ("5861871").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/12<br>14:24 |
| S293  | 35                                      | S292 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:24 |
| S294  | 33                                      | S293 not (S285   S287  <br>S288   S291)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:24 |
| \$295 | 284574                                  | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6   edit\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:27 |
| \$296 | 328932                                  | (image   picture   video)<br>near3 (adjust\$4   correct\$4  <br>modify\$3   modificat\$4  <br>calibrat\$4   edit\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:28 |
| S297  | 139                                     | (S281 with S295) same S296   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/12<br>14:28 |
| S298  | 45                                      | S297 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:28 |
| S299  | 0                                       | S298 not (S285   S287  <br>S288   S291   S294)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:29 |
| S300  | 1072                                    | (S281 with S295)   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/12<br>14:39 |
| S301  | 346                                     | \$300 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:39 |

| \$302 | 16     | S301 not (S285   S287  <br>S288   S291   S294)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/12<br>14:39 |
|-------|--------|--|--|----|-----|---------------------|
| S303  | 42     | ((gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) near3<br>spline) with (adjust\$4  <br>calibrat\$4   correct\$5   alter<br>\$6   edit\$4)                               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>11:56 |
| S304  | 23     | S303 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>11:57 |
| \$305 | 43     | ((gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) near3<br>spline) with (adjust\$4  <br>calibrat\$4   correct\$5   alter<br>\$6   edit\$4   modificat\$4  <br>modify\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:22 |
| S306  | 306165 | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6   edit\$4  <br>modificat\$4   modify\$4)                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S307  | 280135 | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S308  | 454199 | ((user   graphic\$4) near3<br>interfac\$3)   (on\$1screen<br>near4 display\$4)   OSD   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>12:23 |
| S309  | 1029   | S307 with S308   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>12:23 |
| S310  | 282924 | (image   picture   video)<br>near3 (adjust\$4   correct\$4  <br>modify\$3   modificat\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S311  | 131    | S309 same S310   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S312  | 43     | S311 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S313  | 330    | S309 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S314  | 287    | S313 not S312  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |

| S315  | 22     | ("4409614"   "4760447"  <br>"4794540"   "4852002"  <br>"4907282"   "4939581"  <br>"4942480"   "4961117"  <br>"4965679"   "4984097"  <br>"5012333"   "5023815"  <br>"5028855"   "5038158"  <br>"5245679"   "5262958"  <br>"5353239"   "5369499").PN.<br>OR ("5469275").URPN.  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>12:23 |
|-------|--------|--|--|----|-----|---------------------|
| S316  | 145    | ("4467364"   "4812902"  <br>"4812903"   "4825297"  <br>"4831434"   "4899216"  <br>"4933754").PN. OR<br>("5012333").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>12:23 |
| \$317 | 115    | S316 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S318  | 113    | S317 not (S312   S314  <br>S315)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S319  | 41     | ("4167729"   "4488245"   "4649423"   "4727425"   "4731662"   "4758885"   "4794382"   "4794386"   "4821336"   "4847689"   "4853767"   "4958217"   "4989080"   "4991223"   "4992861"   "4992864"   "5003616"   "5012333"   "5089884"   "5136399"   "5140312"   "5204665"   "5231504"   "5270806"   "5461493").PN. OR ("5861871").URPN. | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>12:23 |
| S320  | 35     | S319 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S321  | 33     | S320 not (S312   S314  <br>S315   S318)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S322  | 284700 | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6   edit\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S323  | 1072   | (S308 with S322)   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>12:23 |
| S324  | 346    | S323 & @ad<="20040427"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |
| S325  | 16     | \$324 not (\$312   \$314  <br>\$315   \$318   \$321)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:23 |

| S326 | 1159 | S306 with S308  | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>12:26 |
|------|------|---|--|----|-----|---------------------|
| S327 | 136  | S326 same S310  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:26 |
| S328 | 47   | S327 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:26 |
| S329 | 4    | S328 not S312   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:26 |
| S330 | 378  | S326 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:27 |
| S331 | 44   | S330 not (S314   S328)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>12:27 |
| S332 | 1    | "10559654"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:11 |
| S333 | 3200 | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(patch\$4   tile\$1) with (adjust<br>\$4   calibrat\$4   correct\$5  <br>alter\$6   edit\$4   modifica\$5<br>  modify\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:43 |
| S334 | 379  | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(patch\$4   tile\$1) with (adjust<br>\$4   calibrat\$4   correct\$5  <br>alter\$6   edit\$4   modifica\$5<br>  modify\$4) with (intensit\$4  <br>uminanc\$3   luminoscit\$4)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:44 |
| S335 | 188  | S334 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:47 |
| S336 | 169  | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   intensit\$4  <br>gamma\$1   tone\$1) with<br>(patch\$4   tile\$1) with (adjust<br>\$4   calibrat\$4   correct\$5  <br>alter\$6   edit\$4   modifica\$5<br>  modify\$4) near4 (intensit\$4<br>  luminanc\$3   luminoscit\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:48 |
| S337 | 79   | S336 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:48 |

| <b>S</b> 339 | 340  | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>half\$1tone\$1   gamma\$1  <br>tone\$1) with (patch\$4   tile<br>\$1   pattern\$1   sample\$1)<br>with (adjust\$4   calibrat\$4  <br>correct\$5   alter\$6   edit\$4  <br>modifica\$5   modify\$4) near4<br>(intensit\$4   luminanc\$3  <br>luminoscit\$4) | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:55 |
|--------------|------|---|--|----|-----|---------------------|
| S340         | 156  | S339 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:55 |
| S341         | 129  | S340 not S337   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:56 |
| S342         | 92   | S341 not printer  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>14:59 |
| S343         | 2    | "20020041707".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:20 |
| \$344        | 6174 | (gr\$1y\$1level\$1   gr\$1yscale<br>\$1   gradation\$1   gr\$1y  <br>gamma\$1   tone\$1) near4<br>(patch\$4   tile\$1   pattern\$1<br>  sample\$1   block\$1) near5<br>(adjust\$4   calibrat\$4  <br>correct\$5   alter\$6   edit\$4  <br>modifica\$5   modify\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:24 |
| S345         | 3232 | S344 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:25 |
| S346         | 37   | S344 same (((user   graphic<br>\$4) near3 interfac\$3)   (on<br>\$1screen near4 display\$4)  <br>OSD)   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:26 |
| S347         | 11   | S346 & @ad<="20040427"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:27 |
| S348         | 2    | "20050231741".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:51 |
| S349         | 2    | "7688326".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:52 |
| S350         | 8    | ("20030133609"  <br>"20040227769"  <br>"20050116961"   "5483259"  <br>"5754222"   "6078309"  <br>"6686953"   "6919905").PN.<br>OR ("7688326").URPN.   | US-PGPUB;<br>USPAT; USOCR                | OR | OFF | 2011/05/16<br>15:52 |

| S351 | 8 | S350 & @ad<="20040427" | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>15:52 |
|------|---|------------------------|--|----|-----|---------------------|
| S352 | 2 | sachs & "222779"       | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2011/05/16<br>16:09 |

## **EAST Search History (Interference)**

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## 5/16/2011 7:01:05 PM

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